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**MENU SEARCH INDEX DETAIL JAPANESE****PATENT ABSTRACTS OF JAPAN**

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IRIKO MASAYUKI****(54) PACKAGING BAG FOR REFRESHING DRINK**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a resin laminate packaging bag with a non-oriented laminate film heat-sealed which is excellent in resistance to pin holes, resistance to a drop of the bag and smell barrier property.

SOLUTION: An outermost layer of a non-oriented laminate film is one kind of a resin or two or more kinds of resin mixtures selected from a group including Homo-PET, Co-PET, Homo-PBT and Co-PBT. An innermost layer is a copolymer of ethylene and 3-18C α -olefin. The copolymer has a melt flow rate of 0.1 to 50 g/10 minutes, a density(D) of 0.88 to 0.935 g/cm³ and an extrapolated melt termination temperature(Tem) of a melt peak obtained by differential scanning calorimetry in a range of 50 to 130° C. A relation between the extrapolated melt termination temperature(Tem) of the melt peak and the density(D) should satisfy Tem \leq 200D-60.

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